

Ques 4- Describe the best Project you have worked on,including links if any.

Ans 4- My best project which i recently made which is Spotify Clone , a music player in which we can listen music by (**Javascript Audio API**) and also have a

contact page in which user can ask any query and user data stored in database (MONGO DB). Serving These all files(HTML,CSS etc) From Backend by **NodeJs and ExpressJs**

for serving Static Files also.

Github link- <https://github.com/Rachit8090/SpotifyClone>

Tech Stack – HTML , CSS , JAVASCRIPT , NODEJS , EXPRESSJS , MONGODB , PUG(template engine).

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Ques 5- If you are to start a software company , name 2 people from your batch whom you will choose as your partner and why?

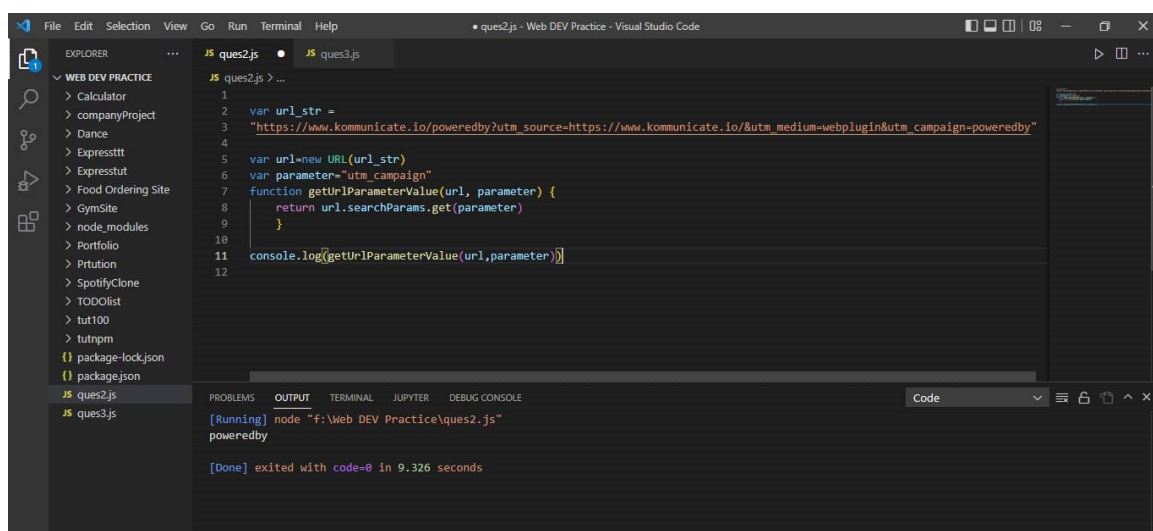
Ans 5-

My First Partner is Vishal Kumar because he have great learning Skills and that's Why he learn skills quickly so that we can implement things quickly and also he has great mind set towards

Technology.

My Second Partner is Ashlesha Bhattacharya because she had great communication skills and she also very confident. So she helps in dealing with clients or we have to describe our projects she tooks very good and important role in it.

Ques 2 SCREENSHOT



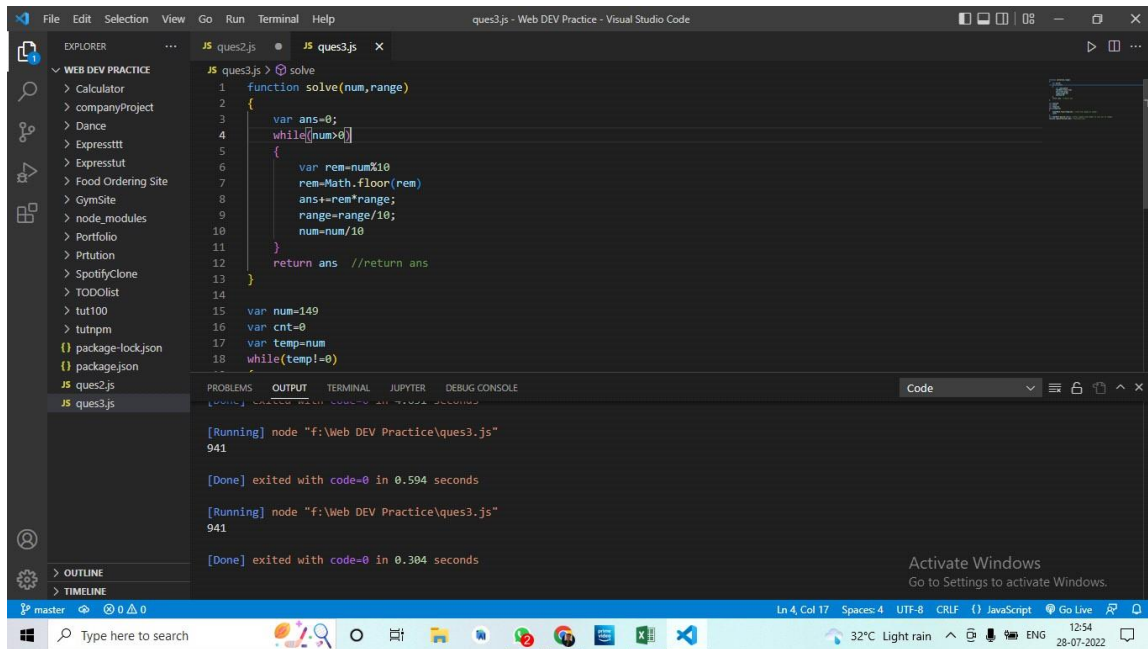
```
File Edit Selection View Go Run Terminal Help
• ques2.js - Web DEV Practice - Visual Studio Code

EXPLORER
  WEB DEV PRACTICE
    Calculator
    companyProject
    Dance
    Expressttt
    Expresstut
    Food Ordering Site
    GymSite
    node_modules
    Portfolio
    Prtution
    SpotifyClone
    TODolist
    tut100
    tutnrm
    package-lock.json
    package.json
  JS ques2.js
  JS ques3.js

JS ques2.js
1
2 var url_str =
3   "https://www.kommunicate.io/poweredby?utm_source=https://www.kommunicate.io/&utm_medium=webplugin&utm_campaign=poweredby"
4
5 var url=new URL(url_str)
6 var parameter="utm_campaign"
7 function getUrlParameterValue(url, parameter) {
8   return url.searchParams.get(parameter)
9 }
10
11 console.log(getUrlParameterValue(url,parameter))
12

PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE
[Running] node "f:\Web DEV Practice\ques2.js"
poweredby
[Done] exited with code=0 in 9.326 seconds
```

QUES 3 SCREENSHOT



The screenshot displays the Visual Studio Code editor with a file named `ques3.js` open. The code defines a recursive function `solve` that calculates the sum of digits of a number `num` within a range `range`. The function uses a `while` loop to process the number digit by digit, calculating the remainder and updating the sum and range. The main code block initializes `num` to 149, sets `cnt` to 0, and calls the `solve` function, returning the result.

```
1 function solve(num,range)
2 {
3   var ans=0;
4   while(num>0)
5   {
6     var rem=num%10
7     rem=Math.floor(rem)
8     ans+=rem*range;
9     range=range/10;
10    num=num/10
11  }
12  return ans //return ans
13 }
14
15 var num=149
16 var cnt=0
17 var temp=num
18 while(temp!=0)
```

The terminal output shows the execution of the code:

```
[Running] node "f:\Web DEV Practice\ques3.js"
941
[Done] exited with code=0 in 0.594 seconds
[Running] node "f:\Web DEV Practice\ques3.js"
941
[Done] exited with code=0 in 0.384 seconds
```

The status bar at the bottom indicates the file is in the `master` branch, with 0 changes. The system tray shows the date and time as 28-07-2022, 12:54.